

[54] COATED INTRAOCULAR LENS AND SURGICAL TOOL

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[57] ABSTRACT

An intraocular lens or surgical tool used for eye surgery which is covered with a biocompatible water-soluble adherent film coating that has a very slow dissolution rate which maintains at least 40% of the coating on the lens for at least 30 minutes, but not more than 24 hours, when submerged in an aqueous media simulating the surgical environment. Polyvinyl alcohol is an example of such coating that is dissolvable in water and provides swellable outer portions of the coating that are sluffable so as to be self-sacrificing in protecting against both static and sliding contact with a corneal endothelium.

42 Claims, 5 Drawing Figures

